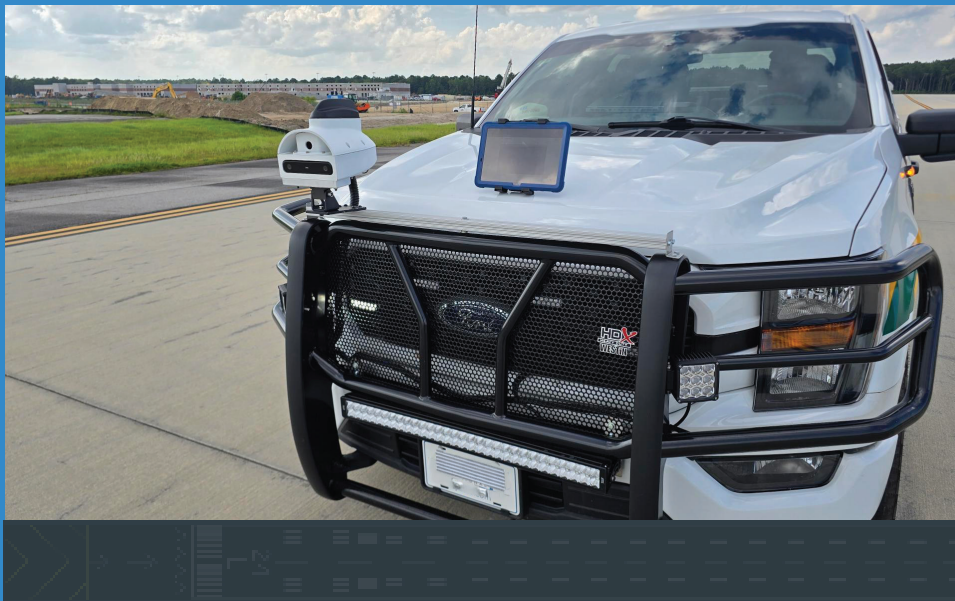


Give Your Team The Edge With AI-Powered Inspections



Detect, Alert, Log, Analyze

Mobile Edge-to-Cloud Platform

The InspectEx Platform is the foundation of Illuminex AI's inspection solutions. InspectEx Edge integrates an array of sensors with edge AI for real-time detection and alerts of critical airfield maintenance and safety issues. By combining human expertise with AI-driven analysis, it helps your operators extend inspection coverage, reduce workload, and minimize human oversight, while maintaining critical human judgment. InspectEx Cloud, enables your airport to streamline daily operations, accelerate response times, strengthen regulatory compliance, and optimize resource allocation, all with rapid deployment and minimal disruption. By transforming raw sensor data into real-time intelligence, InspectEx empowers you to make smarter decisions, enhance airfield safety, and create lasting operational value.



InspectEx

Edge AI Meets Operational Reality

InspectEx Edge

Rugged. Real-Time. Ready Anywhere

A modular unit mounted on vehicles or fixed infrastructure delivers an instant, AI-powered inspection, even in the most demanding environments.

- **Multimodal Sensors:** Fuses data from a variety of sensors such as visible light, thermal, LiDAR, and more
- **Edge Compute Hardware:** AI runs directly on-device, enabling real-time detection with no dependency on cloud connectivity
- **Live Operator Interface:** Real-time feedback and alerts delivered to operators, no delays, no disruptions
- **Modular AI Software:** Choose from purpose-built detectors or new applications



InspectEx Cloud

Insight-Driven. Action-Ready. Fully Connected

This centralized intelligence layer brings all inspection data together so you can act fast, proactively plan, and stay ahead of issues.

- **Automated Data Logging:** Every detected anomaly is geotagged and paired with sensor imagery for instant traceability
- **Dashboards & Heatmaps:** Visualize trends, identify trouble spots, and prioritize response at a glance
- **Analytics:** Leverage inspection and detection records to optimize inspection schedules, and support data-driven maintenance planning
- **Seamless Integrations:** Connect effortlessly with your asset management systems and digital workflows via API integration

